

Page Denied

TOP SECRET RUFF

M/EB 111/65
7 April 1965
Copy _____

MEMORANDUM FOR: Chief, Defensive Systems Division, OSI
ATTENTION: [redacted], Air Defense Branch
THROUGH: Chief, Requirements Branch, Reconnaissance Group, CGS
FROM: Chief, Photographic Intelligence Division, CIA
SUBJECT: Yokanga SAM Site AO3-3, Yokanga, USSR
REFERENCE: (a) Requirement C-815-82,423
(b) CIA/PID Project 30500-5

1. This memorandum is in response to your requirement dated 30 March 1965 which requests.

- a. A review of all pertinent KH photography to determine the validity of Yokanga SAM Site AO3-3 (68-07-25N 39-48-24E);
- b. A chronology of the site development, if the site exists;
- c. Coordinates of the new site location, if the site has been moved.

2. An analysis of KH-7 photography from Mission 4016 [redacted] reveals no sign of an SA-3 site at the above coordinates. This photography was mono-mode, and heavily snow-covered, however it was of very good quality, clear, and cloud-free. The possible limiting factors of mono-mode photography and heavy snow were considered in this analysis, but discounted for the following reasons:

- a. No disturbance to the snow covering the area of interest was evident, while an SA-2 site (Yokanga SAM Site AO3-2) located approximately 0.5 nautical miles distant was readily identifiable under these conditions. Individual pieces of equipment were visible in and around the SA-2 site.
- b. One of the nearest known SA-3 sites (Murmansk CO2-3), subject to the same conditions of construction, weather, terrain, and viewing limitations, was quite apparent on this same KH-7 mission. The guidance radar, and the shadow cast by it, were particularly evident.

3. The photographic evidence to date, would tend to suggest that an SA-3 site has never existed at this location. Thus far, the best quality photography of the area has been that taken during the winter months when heavy snow prevails, making activity more evident. None of this winter photography has revealed any sign of activity in the area of interest, while the nearby SA-2 site has consistently appeared active.

Analysis of the "site" area on stereo-mode KH-4 photography reveals this location to be situated on very rough terrain, which slopes downward toward a large gully or ravine. Additionally, several probable rock outcroppings are present within the area. This extremely rugged terrain probably accounts for the

GROUP 1
Excluded from automatic
downgrading and
declassification

TOP SECRET RUFF

S- 16924

TOP SECRET RUFF

SUBJECT: Yokanga SAM Site AO3-3, Yokanga, USSR

M/EB 111/65

road pattern from which the site was targetted. The road presents a sudden sharp curve as it passes down the slopes and around a large rocky formation. A second, less prominent road or trail can be seen within the curved section, and may have constituted the original route down the slope. The main road continues out onto the peninsula where there are located a lighthouse station, and an 8-position AA site, probably unoccupied. The appearance of this road has remained unchanged the earliest photography of the area.

4. As a precautionary measure, an area along the coast stretching approximately 20 nautical miles either side of the above coordinates, inland to a depth of approximately 20 nautical miles, was searched for an SA-3 site. In the immediate vicinity of the above coordinates, KH-7 photography was utilized. This photography was of very good quality, clear, cloud-free and heavily snow-covered. The balance of the search was conducted on KH-4 photography. This photography was of good quality, clear, heavily snow-covered, but not entirely cloud-free in the immediate vicinity of the area of interest. Combining the two types of photography, the entire area indicated was searched on cloud-free photography. No new SAM installations were identified.

6. This project is considered to be complete.

TOP SECRET RUFF

S- 16924